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Listing of the Claims:

The following is a complete listing of all the claims in the application, with an indication of the status of each:

1-10. (Canceled)

11. (Currently amended) A retail store replenishment system, comprising:

one or more retail stores equipped with means for tracking point of sales events and quantities of in-store stock, and a means for receiving notices of advanced shipments of stock;

at least one distribution center with means for tracking in-distribution center stock, means for ordering stock from suppliers, and means for sending notices of advanced shipments of stock to said one or more retail stores;

at least one autonomous retail business process robot associated with each of said one or more retail stores, said at least one autonomous retail business process robot receiving input from said means for tracking point of sales events and quantities of in-store stock and from said means for receiving notices of advanced shipments of stock, said at least one autonomous retail business process robot determining a potential out-of-stock threat based on said input and providing notification of said potential out-of-stock threat;

at least one autonomous distribution center business process robot associated with each of said at least one distribution center, said at least one autonomous distribution center business process robot controlling execution of an updatable execution plan; and

at least one autonomous business process robot which communicates with each of said at least one autonomous retail business process robot and said at least one autonomous distribution center business process robot, said at least one autonomous business process robot manages distributions processes associated with stock distribution among said one or more retail stores and said at least one distribution center in a manner which automatically adapts distributions process to changing business conditions, said at least one autonomous business process robot including a data source containing quantified business goals, an execution module

that governs execution of the distribution process, and a managerial module that monitors process performance and modifies business processes to achieve the business goals, said at least one <u>autonomous</u> business process robot receives notification of said potential out-of-stock threat from at least one <u>autonomous</u> retail business process robot associated with at least ~~on~~ <u>one</u> retail store, creates an updated execution plan based on said notification and said business goals, and provides said updated execution plan to said at least one <u>autonomous</u> distribution center business process robot.